

Work Order ID 158137

Thursday, May 18, 2017 1:24:22 PM

158137

Page 1

Item ID: D206-781-311KGY Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Utility Trim, Grey
Start Date: 3/16/2017 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 3/17/2017 Req'd Qty: 1.00 ***1*** Customer: CCANA01
Reference: RMA RA112481 **DISASSEMBLE**
Approvals: Process Plan: **MAY 18 2017** Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D407-781-4	A								

110 Identify as per dwg & Stock Location: 0.00

110

Packaging

Memo

0.00

Packaging

REMOVE FROM KIT AND PUT BACK INTO STOCK UNDER ORIGINAL
BATCH NUMBER:

D206-781-341KGY X1 B: 156004

D206-781-351KGY X1 B: 64205

D206-781-361KGY X1 B: 125751

D255T-1 KGY X1 B: 51799

D3351-1 6

SCRAP: D3845-1KGY B: 110023
53590Smb
7/6/15

120

QC5- Inspect part completeness to step on W/O 0.00

120

QC

Memo

0.00

Quality Control

INSPECT KIT BEING PUT BACK INTO STOCK

QC4
12-05-19DAS
28
9-89

JUN 12 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

Work Order ID 158137

Thursday, May 18, 2017 1:24:22 PM

158137

Page 2

Item ID: D206-781-311KGY**Accept*****N900040100*****Setup Start *NS1*****Revision ID:****Stop *NS2*****Item Name:** Utility Trim, Grey**Start Date:** 3/16/2017 **Start Qty:** 1.00 ***1*****Cust Item ID:****Required Date:** 3/17/2017 **Req'd Qty:** 1.00 ***1*****Customer:** CCANA01**Reference:** RMA RA112481**Approvals:** **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____**Run Start *NR1*****QC:** _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____**Stop *NR2*****Sequence ID/
Work Center ID****Operation
Description****Set Up/
Run Hours****Tool ID****Tool #****Plan
Code****Accept
Qty****Reject
Qty****Reject
Number****Insp.
Stamp**

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

17/6/13

JUN 12 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Misabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER :							
Misidentified ☐	☐ Past Due								

Picklist Print

Thursday, May 18, 2017 1:24:27 PM

Page 1

Work Order ID: 158137

158137

Parent Item: D206-781-311KGY

D206-781-311KGY

Parent Item Name: Utility Trim, Grey

Start Date: 3/16/2017

Required Date: 3/17/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev A New Issue 10/11/25 DL

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D206-781-311KGY		Manufactured	No				Each	0.0000		1			
D206-781-311KGY									**				
Utility Trim, Grey													
D206-781-341KGY		Manufactured	No				Each	0.0000		-1			
D206-781-341KGY									**				
Crew Cabin Overhead, Gray													
D206-781-351KGY		Manufactured	No				Each	1.0000		-1			
D206-781-351KGY									**				
Vertical Tunnel, Gray													
					<u>Location</u>		<u>Loc Qty</u>			<u>Loc Code</u>			
					FG070		1						
					64205		1						
D206-781-361KGY		Manufactured	No				Each	0.0000		-1			
D206-781-361KGY									**				
Rear Overhead, Gray													
D3851-1KGY		Manufactured	No				Each	36.0000		-1			
D3851-1KGY									**				
Doubler-Grey													
					<u>Location</u>		<u>Loc Qty</u>			<u>Loc Code</u>			
					ST053		36						
					51799		36						

AN525-10214 4x

DAS
28
9-89

M 110023 51329

Smb

17/6/15

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Friday, January 20, 2017 10:32:47 AM

Page 1

Work Order ID: 156001

156001

Parent Item: D206-781-311KGY

D206-781-311KGY

Parent Item Name: Utility Trim, Gray

Start Date: 2/1/2017

Required Date: 2/8/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev A New Issue 10/11/25 DL

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D206-781-341KGY *D206-781-341KGY*		Manufactured	No			110	Each	0.0000	1	1			DAS 6 27 9-89
Crew Cabin Overhead, Gray									**	156001		FEB 02 2017	
D206-781-351KGY *D206-781-351KGY*		Manufactured	No			110	Each	2.0000	1	1			DAS 6 27 9-89
Vertical Tunnel, Gray									**			FEB 02 2017	
Location FG070 64205 Loc Qty 2 2 Loc Code													
D206-781-361KGY *D206-781-361KGY*		Manufactured	No			110	Each	1.0000	1	1			DAS 6 27 9-89
Rear Overhead, Gray									**			FEB 02 2017	
Location FG119 125751 Loc Qty 1 1 Loc Code													
D206-781-371KGY *D206-781-371KGY*		Manufactured	No			110	Each	2.0000	1	1			DAS 6 27 9-89
Hat Bin, Gray									**			FEB 02 2017	
Location FG080 54167 Loc Qty 2 2 Loc Code													

D206-781-341KGY (-1) Stock B; S1799
D206-781-351KGY (-1) Scrap.

Inspection Sheet Complete **RA112481**

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
D206-781-311KGY	B156001	1	☒ Yes	☒ Yes	☐ Yes	☒ Yes	STOCK	158137	Kits open by customer. Inspected and complete. Damage was found on D3845-1. ➡ Scrap and replace D3845-1. Put rest of componants back into stock
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: P.D. _____

Date: 3/11/20173 _____

Work Order ID 158137

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158137

Page 1

Item ID: D206-781-311KGY

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Utility Trim, Grey

Start Date: 3/16/2017 Start Qty: 1.00

1

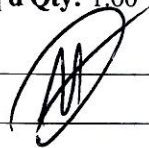
Cust Item ID:

Required Date: 3/17/2017 Req'd Qty: 1.00

1

Customer: CCANA01

Reference: RMA RA112481

Approvals: Process Plan:  Date: **MAY 18 2017**

Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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IIN-D407-781-4	A
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110

Identify as per dwg & Stock Location: _____ 0.00

110

Packaging

Memo

0.00

Packaging

REMOVE FROM KIT AND PUT BACK INTO STOCK UNDER ORIGINAL
BATCH NUMBER:

D206-781-341KGY X1 B: 156004

D206-781-351KGY X1 B: 64205

D206-781-361KGY X1 B: 125751

D3551-1 KGY X1 B: 51799

SCRAP: D3845-1KGY B: 110023



JUN 09 2017

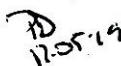
120

QC5- Inspect part completeness to step on W/O 0.00

120

QC

Quality Control



Memo

0.00

INSPECT KIT BEING PUT BACK INTO STOCK



JUN 09 2017





Department of Transport

Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario
Canada K6A 1K7

Number: SH08-60

Issue No.: 1

Approval Date: December 29, 2008

Issue Date: December 29, 2008

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

BELL 206, 206A, 206A-1, 206B, 206B-1, 206L, 206L-1, 206L-3, 206L-4, 407

Canadian Type Certificate or Equivalent:

H-92

Description of Type Design Change:

Interior Trim Panels

**Installation/Operating Data,
Required Equipment and Limitations:**

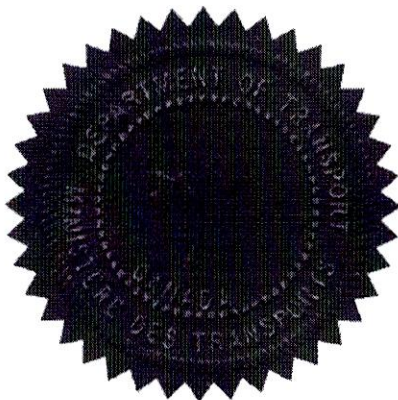
Installation of Interior Trim Panels to be in accordance with Transport Canada approved DART Aerospace Ltd. Installation Instructions IIN-D407-781 Revision A, dated October 22, 2008 or later Transport Canada approved revision.

Manufacture of Interior Trim Panels to be in accordance with Transport Canada approved DART Aerospace Ltd. Master Document List MDL-D407-781 Revision A, dated December 19, 2008 or later Transport Canada approved revision.

Instructions for Continued Airworthiness contained in DART Aerospace Ltd. Document ICA-D407-781 Revision 0, dated November 20, 2008 or later applicable revision is required with this installation.

Basis of Certification for affected airworthiness standards is CFR 14, Part 27 at amendment 27-44.

— End —



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.



Greg Oucharek
For Minister of Transport

5.0 PARTS LIST

5.1 BELL 206 L/L1

5.1.1 D206-781-311 UTILITY KIT

Qty -311	Part Number	Description
X	D206-781-311	UTILITY KIT
1	D206-781-341	CREW CABIN OVERHEAD KIT
1	D206-781-351	VERTICAL TUNNEL KIT
1	D206-781-361	REAR OVERHEAD KIT
1	D206-781-371	HAT BIN KIT

5.1.2 D206-781-341/-351/-361/-371 KITS

Qty -341	Qty -351	Qty -361	Qty -371	Part Number	Description
X				D206-781-341	CREW CABIN OVERHEAD KIT
	X			D206-781-351	VERTICAL TUNNEL KIT
		X		D206-781-361	REAR OVERHEAD KIT
			X	D206-781-371	HAT BIN KIT
1				D4116-1	OVERHEAD PANEL W/O DUCT
4				NAS388-6-8P	SCREW
4				NAS391B6P	WASHER
	1			D3828-1	VERTICAL TUNNEL, LOWER LH
	1			D3828-2	VERTICAL TUNNEL, LOWER RH
	1			D3829-1	VERTICAL TUNNEL W/O DUCT, UPPER LH
	1			D3829-2	VERTICAL TUNNEL W/O DUCT, UPPER RH
	1			D3829-3	VERTICAL TUNNEL W/O DUCT, AFT
	1			D3970-3	FIRE EXTINGUISHER COVER W/O DUCT
	4			D3800-1-100-800	LOOP STRIP
	4			D3800-3-100-800	HOOK STRIP
	1			D3989-1-360	SEAL
	6			MS21059L3	NUTPLATE
	12			MS20426AD3-4	RIVET
	6			AN525-10R14	SCREW
		1		D4075-1	REAR OVERHEAD, CENTER
		1		D4076-1	REAR OVERHEAD, LH
		1		D4076-2	REAR OVERHEAD, RH
		14		D4291-1	SPACER
		14		AN525-10R30	SCREW
			1	D3845-1	HAT BIN
			6	D3851-1	DOUBLER
			4	AN525-10R14	SCREW

5.0 PARTS LIST

5.1 BELL 206 L/L1

5.1.1 D206-781-311 UTILITY KIT

Qty -311	Part Number	Description
X	D206-781-311	UTILITY KIT
1	D206-781-341	CREW CABIN OVERHEAD KIT
1	D206-781-351	VERTICAL TUNNEL KIT
1	D206-781-361	REAR OVERHEAD KIT
1	D206-781-371	HAT BIN KIT

5.1.2 D206-781-341/-351/-361/-371 KITS

Qty -341	Qty -351	Qty -361	Qty -371	Part Number	Description
X				D206-781-341	CREW CABIN OVERHEAD KIT
	X			D206-781-351	VERTICAL TUNNEL KIT
		X		D206-781-361	REAR OVERHEAD KIT
			X	D206-781-371	HAT BIN KIT
1				D4116-1	OVERHEAD PANEL W/O DUCT
4				NAS388-6-8P	SCREW
4				NAS391B6P	WASHER
	1			D3828-1	VERTICAL TUNNEL, LOWER LH
	1			D3828-2	VERTICAL TUNNEL, LOWER RH
	1			D3829-1	VERTICAL TUNNEL W/O DUCT, UPPER LH
	1			D3829-2	VERTICAL TUNNEL W/O DUCT, UPPER RH
	1			D3829-3	VERTICAL TUNNEL W/O DUCT, AFT
	1			D3970-3	FIRE EXTINGUISHER COVER W/O DUCT
	4			D3800-1-100-800	LOOP STRIP
	4			D3800-3-100-800	HOOK STRIP
	1			D3989-1-360	SEAL
	6			MS21059L3	NUTPLATE
	12			MS20426AD3-4	RIVET
	6			AN525-10R14	SCREW
		1		D4075-1	REAR OVERHEAD, CENTER
		1		D4076-1	REAR OVERHEAD, LH
		1		D4076-2	REAR OVERHEAD, RH
		14		D4291-1	SPACER
		14		AN525-10R30	SCREW
			1	D3845-1	HAT BIN
			6	D3851-1	DOUBLER
			4	AN525-10R14	SCREW

REFERENCE ONLY**5.0 PARTS LIST****5.1 BELL 206 L/L1****5.1.1 D206-781-311 UTILITY KIT**

Qty -311	Part Number	Description
X	D206-781-311	UTILITY KIT
1	D206-781-341	CREW CABIN OVERHEAD KIT
1	D206-781-351	VERTICAL TUNNEL KIT
1	D206-781-361	REAR OVERHEAD KIT
1	D206-781-371	HAT BIN KIT

5.1.2 D206-781-341/-351/-361/-371 KITS

Qty -341	Qty -351	Qty -361	Qty -371	Part Number	Description
X				D206-781-341	CREW CABIN OVERHEAD KIT
	X			D206-781-351	VERTICAL TUNNEL KIT
		X		D206-781-361	REAR OVERHEAD KIT
			X	D206-781-371	HAT BIN KIT
1				D4116-1	OVERHEAD PANEL W/O DUCT
4				NAS388-6-8P	SCREW
4				NAS391B6P	WASHER
	1			D3828-1	VERTICAL TUNNEL, LOWER LH
	1			D3828-2	VERTICAL TUNNEL, LOWER RH
	1			D3829-1	VERTICAL TUNNEL W/O DUCT, UPPER LH
	1			D3829-2	VERTICAL TUNNEL W/O DUCT, UPPER RH
	1			D3829-3	VERTICAL TUNNEL W/O DUCT, AFT
	1			D3970-3	FIRE EXTINGUISHER COVER W/O DUCT
	4			D3800-1-100-800	LOOP STRIP
	4			D3800-3-100-800	HOOK STRIP
	1			D3989-1-360	SEAL
	6			MS21059L3	NUTPLATE
	12			MS20426AD3-4	RIVET
	6			AN525-10R14	SCREW
		1		D4075-1	REAR OVERHEAD, CENTER
		1		D4076-1	REAR OVERHEAD, LH
		1		D4076-2	REAR OVERHEAD, RH
		14		D4291-1	SPACER
		14		AN525-10R30	SCREW
			1	D3845-1	HAT BIN
			6	D3851-1	DOUBLER
			4	AN525-10R14	SCREW